A Two-Channel Electromechanical Commutator

the type RP-4 (produced by the "Krasnaya zarya" plant) are used in the commutator. There is 1 circuit diagram.

BUSHUYEV, I.G.

Novocaine anesthesia with added penicillin and streptomycin as a method for preventing postoperative suppurations. Khirurgiia no.12:59-61 D '53. (MLRA 7:1)

1. Iz kliniki obshchey khirurgii (zaveduyushchiy - professor S.G.Rukosuyev) Yaroslavskogo meditsinskogo instituta.
(Novocaine) (Antibiotics) (Operations, Surgical)

BUSHUYEV, I.G.

Nonparasitic liver cysts. Vest.khir. 75 no.4:123-124 My '55.
(MLRA 8:8)

1. Iz kliniki obshchey khirurgii (zav.-prof. S.G.Rukosuyev) Yaroslavskogo meditsinskogo instituta. Yaroslavl', Deputatskiy per., d. 3, kv. 2.

(LIVER, cysts,
nonparasitic)
(CYSTS,
liver, nonparasitic)

RUKOSUYEV, S.G.,professor; BUSHUYEV, I.G.

Extraosseous osteosynthesis with spikes in fractures of hollow bones.
Vest. khir. 76 no.11:74-79 '55. (MLRA 9:4)

1. Iz kliniki obshchey khirurgii (zav.-prof. S.G. Rukosuyev) Yaroslavskogo meditsinskogo instituta.
(FRACTURES
hollow bones, surg., extraosseous synthesis with spikes)

BUSHUYEV, K. N., Eng.

"Use of Plastics in Machinery Manufacturing" p. 340-342 in book Increasing the Quality and Efficiency of Machinery, Moscow, Mashgiz, 1957. 626pp.

SYROVATSKIY, A.D.; FEDOSEYEV, I.Ye.; BUSHUYEV, L.I., red.

[The city of Verkhoyansk] Verkhoianskai kuorat. IAkutskai, Sakha sirineechi kinige izdatel'stvota, 1963. 62 p. [In Yakut] (MIRA 17:10)

BUSHUYEV, L.N.

Role of a tuberculous infection in the appearance of a catatonic complex of symptoms; an experimental study. Trudy Gos.nauch.-issl.inst.psikh. 27:60-63 '61.

1. Permskaya psikhonevrologicheskaya bol'nitsa. Glavnyy vrach - I.S.Ivanov. Nauchnyye rukovoditeli - prof. V.I.Butorin i kand. med.nauk D.P.Kapusnik.
(TUBERCULOSIS--COMPLICATIONS AND SEQUELAE) (CATATONIA)

BUSHUYEV, L.P.

USSR/Physics -- Motion

FD-2630

Card 1/1 : Pub. 41-16/21

Author : Bushuyev, L. P., Moscow

Title : On the stability of the linear motion of a particle along some line within a rotating tube with an inclined axis

Periodical : Izv. AN SSSR, Otd. Tekh. Nauk 4, 145-146, Apr 1955

Abstract : States that the study of particle motion within a rotating tube having an inclined axis is of practical importance for the design of barrel seives, feed pipes, and dryers. Presents theoretical solution of problem. Diagram, formulae. Four USSR references.

Institution :

Submitted : February 23, 1955

BUSHUYEV, I.P., (Moskva)

Graphic analysis of the motion of a straight round cylinder in a round cylindrical tube under the effect of variable-direction forces. Izv. AN SSSR. Otd. tekh. nauk no.6:159-161 Je '56. (MLRA 9:9)

(Kinematics)

SOV/124-57-9-10637

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 9, p 113 (USSR)

AUTHOR: Bushuyev, L. P.

TITLE: Certain Aspects of the Motion of a Substance in a Tubular Steam Drier (Nekotoryye voprosy dvizheniya materiala v trubchatoy parovoy sushilke)

PERIODICAL: Nauchn. tr. Mosk. gorn. in-t, 1956, Nr 17, pp 11-26

ABSTRACT: The article is devoted to a theoretical investigation of the motion of a substance in a tubular steam drier which operates on the following principle: A drum up to 8 m long and up to 4 m in diameter rotates slowly about its axis which forms an angle α (up to 12°) with the horizontal plane; a number of hollow tubes of relatively small diameter (98 to 102 mm) are mounted within the drum parallel to its axis; a cohesionless substance (such as powdered coal with particles not exceeding 6 mm in diameter) passes through the tubes, while superheated steam, the heat energy of which serves to dry the cohesionless substance, passes along the outside (shell side) of the tubes. By introducing a number of simplifying assumptions corresponding to the motion of a coal plug within the tube rather than the motion of a separate particle of coal, the author derives certain relationships permitting a

Card 1/2

Certain Aspects of the Motion of a Substance in a Tubular Steam Drier

determination of the conditions necessary for the elimination of such an obstruction without any external intervention. Methods of eliminating such obstructions without external aid are determined together with conditions under which this is not possible. Equations are derived for the general case of the motion of a coal particle in a tube. These equations can be solved by numerical integration methods only. Bibliography: 7 references.

Yu. A. Lashkov

Card 2/2

BARTLETT, M.S. [Bartlett, Maurice Stevenson], prof.; SEVAST'YANOV, B.A. [translator]; BUSHUYEV, I.Ia., red.; ARTEMOVA, Ye., tekhn.red.

[An introduction to stochastic processes] Vvedenie v teoriiu sluchainykh protsessov. Moskva, Izd-vo inostr.lit-ry, 1958. 384 p. Preface by B.A.Sevast'ianov. Translated from the English. (MIRA 12:9)
(Calculus of variations) (Statistics)

24(6) SOV/179-59-4-25/40

AUTHOR: Bushuyev, L. P., (Moscow)

TITLE: On the Analogy Between the Motion of the Massif of Particles in a Ball Mill and in a Planet Centrifugal Mill

PERIODICAL: Izvestiya Akademii nauk SSSR. Otdeleniye tekhnicheskikh nauk. Mekhanika i mashinostroyeniye, 1959, Nr 4, pp 153 - 155 (USSR)

ABSTRACT: Not an approximate, but an accurate analogy between a small section of the centrifugal field at a sufficient distance from the axis of rotation and a homogeneous parallel-force field is pointed out here. This permits part of the data for the ball mills investigated for decades to be applied to the planet centrifugal mill. Many of the conclusions were checked by means of photographs and grinding operations on the plant shown in figure 1. Figure 2 shows and describes the scheme of a planet centrifugal mill and its coordinate- and force system. Only the motion of the particle (or its projection) in the cross section of the working drum perpendicular to its axis is dealt with here. It is assumed that the particle (globule) S is located at first at the distance r from the drum axis, then pressed against the

Card 1/2

drum wall (or against a layer of other particles) and moves together with this wall (or layer). Such a motion is designated here as a motion with the massif (of particles). The motion outside the massif and without touching the other particles is designated as free running. Figure 3 shows and describes the scheme of a ball mill. The analogy described does not refer to the free-running zone. It is shown in the case of a proper choice of dimensions, the grinding operations in the planet centrifugal mill can be carried out at any angular velocity of the driving shaft. This permits the process of fine crushing to be carried out faster, and the specific energy input for crushing to be reduced. The patent by S. I. Golosov (Ref 3) for a centrifugal drum mill is mentioned. There are 4 figures and 6 references, 4 of which are Soviet.

SUBMITTED: January 23, 1959

BUSHUYEV, L.P., inzh.

Construction and application of planetary, centrifugal mills. Izv. vys.ucheb.zav.; gor.zhur. no.2:178-182 '60. (MIRA 14:5)

1. Moskovskiy gornyy institut.
(Milling machinery)

BUSHUYEV, L.P. (Moskva)

Motion of the charge in drums of a planetary centrifugal mill. Izv. AN SSSR. Otd. tekh.nauk.Mekh. i mashinostr. no. 1:167-169 Ja-F '61. (MIRA 14:2)

(Milling machinery)

BUSHUYEV, L.P., aspirant

Relative motion of a free particle in the chamber of a planetary centrifugal mill. Izv.vys.ucheb.zav.; mashinostr. no.2:43-50 '61.

1. Moskovskiy gornyy institut.
(Milling machinery)

BUSHUYEV, L. P.

Cand Tech Sci - (diss) "Theoretical and experimental study of the motion of material in the operating chamber of planetary centrifugal grinders." Moscow, 1961. 17 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Inst of Chemical Machine-Building); 200 copies; price not given; list of author's works on pp 16-17 (10 entries); (KL, 7-61 sup, 232)

BUSHUYEV, L.P. (Moskva); LYASHKEVICH, P.A. (Moskva)

Catching of a not entirely elastic band of an inclined conveyor with a rigid catcher. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no.2:143-145 Mr-Ap '63. (MIRA 16:6)

(Conveying machinery)

BUSHUYEV, L.P., kand. tekhn. nauk, dotsent

Geometry of the separation area and the effect of self-feeding in a planetary centrifugal mill. Izv. vys. ucheb. zav.; mashinostr. no.10[illegible]-25 '64 (MIRA 18:1)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki.

BUSHUYEV, I.P., dotsent; OSETSKIY, V.M., dotsent

Dynamics of the universal rotary trench excavator. Izv. vys. ucheb. zav.; gor. zhur. 8 no.7:148-152 '65. (MIRA 18:9)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki. Rekomendovana kafedroy teoreticheskoy mekhaniki.

BUSHUYEV, L.P., kand.tekhn.nauk; MORGULIS, M.L., kand.tekhn.nauk;
TRUSOV, B.K., inzh.

Prospects for using certain classes of impact mills.
Stroi. i dor.mash. 10 no.12:28-29 D '65.
(MIRA 19:1)

BUSHUYEV, M. N.

Improve labor conditions in foundries. Sots.trud.no.3:68-69 Mr '56. (MLRA 9:7)
(Foundries) (Industrial safety) (Industrial hygiene)

BUSHUYEV M.N.

PHASE I BOOK EXPLOITATION 1144

Leningradskiy metallicheskiy zavod imeni Stalina, Leningrad

Razvitiye tekhniki na Leningradskom Metallicheskom zavode imeni Stalina (Technological Developments at the Leningrad Metal Works imeni Stalin) Moscow, Mashgiz, 1957. 313 p. 6,000 copies printed.

Ed.: Bushuyev, M.N., Engineer; Editorial Board: Berezin, B.A., Engineer; Mernik, M.Kh.; Sutokskiy, N.V., Engineer; Edel', Yu.U., Candidate of Technical Sciences; Ed. of Publishing House: Gofman, Ye.K.; Tech. Ed.: Pol'skaya, R.G.; Chief Ed. (Leningrad Division, Mashgiz): Bol'shakov, S.A., Engineer.

PURPOSE: This book is intended for personnel of the LMZ (Leningrad Metal Works) and also for other plants and institutes.

COVERAGE: The book was published in connection with the 100th anniversary of the Leningrad Metal Works and contains articles

Card 1/4

Technological Developments (Cont.)

dealing with the technological progress of the plant in developing powerful steam, gas, and hydraulic turbines.

TABLE OF CONTENTS:

AVAILABLE: Library of Congress (TJ267.L4)

Card 4/4

GO/mfd
2-11-59

KORBOV, M.; BUSHUYEV, M.N.

Compiling plans for organizational and technical measures at the factory. Sots.trud 4 no.5:104-108 My '59. (MIRA 12:8)

1. Nachal'nik otdela truda i zarabotnoy platy Lyuberetskogo zavoda im. Ukhtomskogo (for Korbov).
(Employees' representation in management)
(Liubertsy--Agricultural machinery industry)

BUSHUYEV, M.N., prof.

"Metals for turbine manufacture" by M.F.Sachikov. Reviewed by M.N.Bushuev. Energomashinostroenie 7 no.10:44 O '61. (MIRA 14:10)

(Turbines--Design and construction)
(Metals) (Sachikov, M.F.)

BUSHUYEV, M.N., prof.

"Welded structures of steam and gas turbines" by V.N. Zemzin, L.D. Frenkel. Reviewed by M.N. Bushuev. Energomashinostroenie 9 no.10:48 O '63. (MIRA 16:10)

UR/

ACC NR: AM6015019 Monograph

Bushuyev, Mikhail Nikolayevich

Turbine manufacturing technology (Tekhnologiya proizvodstva turbin) Moscow, Izd-vo "Mashinostroyeniye", 1966, 415 p. illus., biblio. Errata slip inserted. 3700 copies printed.

TOPIC TAGS: turbine, steam turbine, gas turbine, turbine manufacturing, turbine blade, turbine disk, turbine assembling, turbine operation test

PURPOSE AND COVERAGE: This book is intended for engineering personnel of design bureaus, laboratories, and assembly shops and for mechanical engineers of turbine manufacturing plants. It may also be useful to engineering personnel of turbine shops of plants and power stations as well as to students of institutes specializing turbine technology. Problems of manufacturing stationary steam turbines and gas turbines are discussed. General aspects of turbine production are outlined and the manufacture of various turbine systems is analyzed. The technology of machining the most important turbine parts is discussed along with turbine operation. Requirements for material employed, types of semifinished products used, and the procedures for machining parts are also outlined. Setting up subassemblies, the final assembly of turbines on the plant stand, turbine testing, and mounting the aggregate at the worn site are discussed at length.

TABLE OF CONTENTS [abridged]:

UDC: 621.165+621.438.002.2

Card 1/3

ACC NR: AM6015019

Card 2/3

ACC NR: AM6015019

SUB CODE: 13/ SUBM DATE: 07Dec65/ ORIG REF: 056/

Card 3/3

BUSHUYEV, N., inzh.

Mechanized roof caving; from the practice of Chinese mines. Mast. ugl. no.10:8-9 O '59 (MIRA 13:3)
(China--Mining engineering)

BUSHUYEV, N. K.

USSR/ Miscellaneous - Telegraphy

Card 1/1 Pub. 133 - 9/18

Authors : Dyachkov, I. A.; Olenev, A. P.; Bronner, B. V.; and Bushuev, N. K.

Title : To improve the telegraph service

Periodical : Vest. svyazi 2, 17 - 18, Feb 1955

Abstract : Various suggestions are submitted for the improvement in the organization and exploitation of the telegraph communication system for the benefit of all the people of the USSR. Illustration.

Institution: .....

Submitted: .....

SOV/111-58-2-21/27

AUTHOR: Bushuyev, N.K., Deputy Director of the Main Postal Directorate of the USSR Ministry of Communications

TITLE: The 14th Congress of the World's Postal Union (XIV Kongress vsemirnogo pochtovogo soyuza)

PERIODICAL: Vestnik svyazi, 1958, Nr 2, p 29 (USSR)

ABSTRACT: The author reviews the 14th congress of the World's Postal Union which took place from 14 August to 30 September in Ottawa, Canada. Delegates from 96 countries participated. There is 1 photo.

Card 1/1

BUSHUYEV, N. M.

Mechanization of growing red clover for seed, Moskva, Gos. izd-vo Selkhoz. lit-ry, 1951.

BUSHUYEV, N. M.

SIDOROV, F.F.; ZGIRSKIY, Ch.I.; ANAKIN, I.A.; YERAKHTIN, D.D., kandidat tekhnicheskikh nauk, retsenzent; SOBOLEV, L.A., inzhener, retsenzent; BUSHUYEV, N.M., kandidat tekhnicheskikh nauk, redaktor; SHABASHOV, A.P., kandidat tekhnicheskikh nauk, redaktor.

[Repair of agricultural machinery] Remont sel'skokhoziaistvennykh mashin. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry [Uralo Sibirskoe otd-nie] 1953. 295 p. (MLRA 7:6)
(Agricultural machinery--Repairing)

BUSHUYEV, N. M.

ANAKIN, Ivan Aleksandrovich; BUSHUYEV, N.M., kand.tekhn.nauk, retsenzent; SARAFANNIKOVA, G.A., tekhn.red.

[Mechanization of stock farms; feed preparation and water supply] Mekhanizatsiia zhivotnovodcheskikh ferm; kormoprigotovlenie i vodosnabzhenie. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 119 p. (MIRA 11:2)
(Farm equipment) (Stock and stockbreeding)

Bushuyev, N.M.

ANDRYUSHCHENKO, Yu.S., BAGIN, Yu.I., BASHKIRTSEV, A.A., BELEN'KOV, G.Ye., BELINICHER, I.Sh., BUSHUYEV, N.M., VAGANOV, A.K., GASHEV, A.M., YES'KOV, K.A., ZGIRSKIY, Ch.I., IGNAT'YEV, M.I., KORUSHKIN, Ye.N., KUZ'MOV, N.T., PATSKEVICH, I.P., PICHAK, F.I., RAYTSES, V.B., RUDAKOV, A.S., SAPRYKIN, V.M., SIDOROV, F.F., UMINSKIY, Ye.A., KHANZHIN, P.K., CHEREMOVSKIY, Yu.I., BUSHUYEV, N.M., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Manual for agricultural machinery operators] Pt. 3. Stationary internal combustion engines, steam engines and windmills. Rural electrification. Mechanization of production in animal husbandry. Spravochnik mekhanizatora sel'skogo khoziaistva. Pt. 3. Statsionarnye dvigateli vnutrennego sgoraniia, lokomobili i vetrodvigateli. Elektrifikatsia sel'skogo khoziaistva. Mekhanizatsiia proizvodstvennykh protsessov v zhivotnovodstve. Pod red. N.M. Bushueva. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 200 p.
(MIRA 11:8)

(Agricultural machinery)

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; PAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERNOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn. nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A., tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
(Agricultural machinery--Maintenance and repair)

BUSHUYEV, N.M.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.; BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.; YES'KOV, K.A.; ZGIRSKIY, Ch.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.; KUZ'MOV, N.T.; PATSKEVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.; RUDAKOV, A.S.; SAPRYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.; KHANZHIN, P.K.; CHERMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk; retsenzent; MAKAROV, M.P., inzh.,retsenzent; TORBEYEV, Z.S., kand. tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent; SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora sel'skogo khoziaistva. Moskva, Gos.nzuchno-tekhn.izd-vo mashinostroit. lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and implements, and operation of machine and tractor yards] Traktory i avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p. (MIRA 10:12)

(Machine-tractor stations)

KURATOV, Aleksey Ivanovich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; SOBOLEV, L.A., inzh., red.

[Running-in and testing of motor-vehicle engines after repair] Obkatka i ispytanie avtotraktornykh dvigatelei posle remonta. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 75 p. (MIRA 13:5)
(Motor-vehicles--Engines--Maintenance and repair)

KUZ'MOV, Nikolay Terent'yevich, inzh.; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KALENICHENKO, P.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Efficient use of machinery in harvesting by separate stages] Ratsional'noe ispol'zovanie mashin na razdel'noi uborke. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 101 p. (MIRA 13:5)

(Harvesting machinery)

PYATETSKIY, Boris Grigor'yevich; POLUYANOV, V.T., red.vypuska; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk; red.; GUTMAN, I.M., inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Grinding and lapping of motor vehicle parts] Pritirka i dovodka avtotraktornykh detalei. Izd.2. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 109 p. (MIRA 12:12)
(Grinding and polishing) (Motorvehicles--Maintenance and repair)

VAGANOV, Aleksandr Konstantinovich; BEZUKLADNIKOV, M.A., inzh., red. vypuska; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand. tekhn.nauk, red.; KUZ'MOV, N.T., inzh., red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Efficient use of tractor diesel engine] Kak luchshe ispol'zovat' dvigatel' dizel'nogo traktora. Izd.2., dop. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 110 p. (MIRA 12:12)

(Tractors--Engines)

VASIL'YEV, Nikolay Alekseyevich; ABRAMOV, Georgiy Aleksandrovich; SERGEYEV, M.P., prof., red.; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn. nauk, red.; DUGINA, N.A., tekhn.red.

[Repair of machinery according to a yearly chart] Remont mashin po kruglogodovomu grafiku. Pod red. M.P.Sergeeva. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 66 p. (MIRA 14:2)

(Agricultural machinery--Maintenance and repair)

PYATETSKIY, Boris Grigor'yevich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Recent developments in the repair of agricultural machinery] Novoe v remonte sel'skokhoziaistvennoi tekhniki. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 99 p. (MIRA 13:9)

(Agricultural machinery--Maintenance and repair)

SIDOROV, Fedor Filippovich; ALEKSEYEV, G.P., inzh., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, M.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand. tekhn.nauk, red.; PLAKSIN, V.N., inzh., red.; POLKANOV, I.P., kand.tekhn.nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Mechanic for combines and agricultural machinery] Slesar' po remontu kombainov i sel'skokhoziaistvennykh mashin. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 107 p. (MIRA 14:3)

(Agricultural machinery--Maintenance and repair)

DUNAYEV, Petr Aleksandrovich; RAYTSES, Veniamin Borisovich; ALEKSEYEV, G.P., red.; BUSHUYEV, N.M., kand.tekhn.nauk, red.; GUTMAN, I.M., inzh., red.; KUZ'MOV, N.T., inzh., red.; IGNAT'YEV, M.G., agronom, red.; PICHAK, F.I., kand.tekhn.nauk, red.; POLKANOV, I.P., kand.tekhn. nauk, red.; MARCHENKOV, I.A., tekhn.red.

[Forging in the repair of agricultural machinery] Kuznechnoe delo v remonte sel'skokhoziaistvennoi tekhniki. Izd.2. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 158 p. (MIRA 14:1)

(Forging) (Agricultural machinery--Maintenance and repair)

GUTMAN, Iosif Moiseyevich; PICHAK, Fedor Ivanovich; RABOVSKIY, A.V., inzh., retsenzent; SOBOLEV, L.A., inzh., retsenzent; BUSHUYEV, N.N., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Tractors and motor vehicles; manual for workers of collective farms] Traktory i avtomobili; spravochnik kolkhoznogo rabotnika. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 163 p. (MIRA 13:9)

(Motor vehicles)

BUSHUYEV, Nikolay Mikhaylovich; ALEKSEYEV, Georgiy Petrovich; PLAKSIN, Vladimir Nikolayevich; TARCHEVSKIY, A.V., kand.tekhn.nauk, retsenzent; KALENICHENKO, P.T., inzh., retsenzent; DUGINA, N.A., tekhn.red.

[Agricultural machinery; manual for collective farm workers] Sel'skokhoziaistvennye mashiny; spravochnik kolkhoznogo rabotnika. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 229 p. (MIRA 13:11)

(Agricultural machinery)

KUZ'MOV, Nikolay Terent'yevich; IGNAT'YEV, Mikhail Gerasimovich; KALENICHENKO, P.T., inzh., retsenzent; MAKAROV, M.P., inzh., retsenzent; BUSHUYEV, N.M., kand.tekhn.nauk, red.; DUGINA, N.A., tekhn.red.

[Mechanization of livestock farms; manual for collective-farm workers] Mekhanizatsiia zhivotnovodcheskikh ferm; spravochnik kolkhoznogo rabotnika. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 207 p. (MIRA 13:12)
(Farm mechanization)
(Stock and stockbreeding)

BUSHUYEV, Nikolay Mikhaylovich; TARCHEVSKIY, A.V., kand. tekhn. nauk, retsenzent; DUGINA, N.A., tekhn. red.

[Seed-cleaning machines; theory, design, and calculations] Semeochistitel'nye mashiny; teoriia, konstruktsiia i raschet. Moskva, Mashgiz, 1962. 238 p. (MIRA 16:2)
(Seeds--Cleaning) (Agricultural machinery)

PANOV, A.D.,; GELESKUL, M.N.,; BUSHUYEV, N.P.

Roof control and timbering in the coal mines of the Chinese People's Republic. Ugol' 35 no.1:52-60 Ja '60.
(MIRA 13:5)

(China--Coal mines and mining)
(Mine roof bolting)

BUSHUYEV, N.P.

Study of the operation of hydraulic props and the efficiency of using them in Donets Basin mines. Nauch.soob.IGD 14:39-48 '62. (MIRA 16:1)

(Donets Basin--Mine timbering)

SUDOPLATOV, A.P., prof., doktor tekhn. nauk; BUSHUYEV, N.P., kand. tekhn. nauk; KORABLEV, A.A.

Powered timbering in Great Britain and in the Federal Republic of Germany. Ugol' 40 no.11:67-70 '65. (MIRA 18:11)

BUSHUYEV, Nikolay Vasil'yevich; GROMYKO, Anatoliy Grigor'yevich; KUDIKINA, Ye., red.

[Repair of marine diesel engines] Remont sudovykh dizelei. Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1963. 387 p. (MIRA 17:8)

KRULOV, A. S.; BUSHUYEV, C. F.

Textile industry and fabrics

Stakhanov methods for all workers. Tekst. prom., No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953, Uncl.

BUSHUYEV, O.S.; KLEBANOV, L.D.

Design of closed-high-voltage power distribution networks.
Trudy LIEI no. 49:100-109 '63. (MIRA 17:6)

BUSHUYEV, S.M.

TJ1160.A34 TREASURE ISLAND BOOK REVIEW AID 859 - S

BUSHUYEV, S. M.

OPYT SKOROSTNOGO TOCHENIYA STALEY (Machining of Steels by High-speed Methods). In Akademiya Nauk SSSR. Peredovoy opyt novatorov mashinostroyeniya (Progressive Experience of Leading Men in the Machine-Building Industry) 1954. Part I: Skorostnyye metody mekhanicheskoy obrabotki metallov (High-Speed Methods in Machining of Metals). p. 128-136.

The author describes his experience in the implementation of speed metal-cutting practice. Since 1946 he has fulfilled 34 yearly norms, and now works on the 1979 requirements. He describes his experiments with various cutters, the improvements made at his recommendations, his rearrangement of the location of the auxiliary equipment and the construction of a tool cabinet. He tells about the selection of proper technique in machining various parts, providing several valuable examples in the handling of different jobs, and suggests further improvements of speed metal-cutting. Six drawings, 1 table, and several GOST standards.

1/1

GRANOVSKIY, G.I., prof., doktor tekhn.nauk; BUSHUYEV, S.M., tokar'-skorostnik; CHUDINOV, ; BYKOV, P.B., tokar', deputat Verkhovnogo Soveta SSSR; YEMEL'YANOV, L.V.

Publishing the first issue of "Mashinostroitel' ". Mashinostroitel' no.1:44 N '56. (MIRA 12:1)

1. Avtozavod im. Likhacheva (for Bushuyev). 2. Glavnyy inzhener Vsesoyuznogo proyektno-tekhnologicheskogo instituta (for Yemel'yanov).
(Journalism, Technical)

SOV/58-59-5-10598

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, pp 107 - 108 (USSR)

AUTHORS: Mocharnyukh, G.F., Bushuyev, S.S.

TITLE: The Sequence of Phase Formation in the Systems: Ag-Zn, Cu-Zn and Ni-Zn

PERIODICAL: Nauk. zap. Chernivets'k.un-t, 1955, Vol 12, pp 159 - 166 (Ukr.; Russ. résumé)

ABSTRACT: In the practice of metallurgical production and various technological applications of metallic objects, cases are encountered where two different metals or alloys are in direct contact. In this case conditions may be such that mutual diffusion becomes possible, leading to the formation of intermediate layers with properties other than those characteristic of the metals in contact. Particular interest attaches to the study of the rate of phase growth in intermediate layers and the sequence of their emergence under various conditions.

Card 1/2

SOV/58-59-5-10598

The Sequence of Phase Formation in the Systems: Ag-Zn, Cu-Zn and Ni-Zn

In experiments on the sequence of phase formation in the Ag-Zn, Cu-Zn, and Ni-Zn systems, powders of these metals were used at a 50% concentration. As a result of this study, it was established that in all cases the first phase to be detected by X-ray analysis is the γ -phase.

The authors' résumé

Card 2/2

(2)

Continuous production and addition of yeast to the fermentation vat. S. V. Bushuev (Mitrofanov Alcohol Plant, Chelyabinsk). *Spirtovaya Prom.* 20, No. 1, 12–13(1954).—Automatic equipment is described for the addn., sterilization, etc., of yeast. It is highly economical in the use of water and elec. energy, waste being only 0.1–0.2%, and acidity is increased not more than 0.05. Werner Jacobson

(3)

Washing of the fusel oil which is withdrawn from batch rectification apparatus. S. V. Bushuev and Z. M. Zvonareva (Mitrofanov Alcohol Plant, Chelyabinsk). *Spirtovaya Prom.* 20, No. 1, 28–9(1950).—A simple device is described with drawing, where water is bubbled through the fusel oil.)

Werner Jacobson

10-[illegible]-51

BUSHUYEV, S. V.

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6514

Author: Bushuyev, S. V.

Institution: None

Title: Experience with Change-Over of a Gravity Flow Malt House into a Pneumatic

Original Publication: Spirt. prom-st', 1956, No 2, 35

Abstract: The gravity-flow malt house of the Itkul'skiy alcohol plant was converted to a pneumatic by lowering the floor level, in lieu of a laborious addition to the height of the building. Change-over of the malt house has increased the output capacity of the plant from 1,300 decaliters per day to 2,500 decaliters of alcohol per day and in addition has freed a production area of 320 m^2. In view of the fact that a pneumatic, basement malt house affords many advantages in installation and is convenient in operation, it is recommended to

Card 1/2

USSR/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6514

Abstract: carry out analogous changes in the malt house of plants which can lower the level of the sewer system and drop the centrifugal pump of hydraulic feed of the green malt. There is shown a cross section of the floor after its lowering.

Card 2/2

BUSHUYEV, S.Ye.; KOSTENKO, A.S.

Extended season of mills of the Khmel'nitskiy Sugar Beet Trust.
Sakh. prom. 32 no.8:3-7 Ag '58. (MIRA 11:9)

1.Khmel'nitskiy sakhsveklotrest.
(Khmel'nitskiy Province--Sugar industry)

TOMASHIN, A.K.; KIRYUSHKIN, K.I.; SHIPITSYN, A.V.; KRAVTSOV, V.M.; POMINOV, S.Ya.; BUSHUYEV, T.I.

Basic trends in the development of tank farms; results of the discussion of the article by A.G.Dubiaga and others, published in "Neftianoe khoziaistvo" no.8, 1960; conclusion. Neft. khoz. 39 no.4:60-64 Ap '61. (MIRA 14:6)
(Petroleum—Storage)
(Dubiaga, A.G.)

BUSHUYEV, V.M.; SHCHETININ, I.P., red.; OSOKINA, A.M., red. izd-va; VOLKHOVER, R.S., tekhn. red.

[BKMS-14P tower cranes for the unloading of lumber from river craft]Bashennye krany BKMS-14P na vygruzke piloproduktsii iz rechnykh sudov. Moskva, Goslesbumizdat, 1956. 7 p. (MIRA 15:9)

(Cranes, derricks, etc.)
(Lumber—Transportation)

Bushuyev, V. [M.]

137-58-1-913

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 130(USSR)

AUTHORS: Ibragimov, V., Bushuyev, V.

TITLE: An Electrovibration Method for the Deoxidation of Parts (Elektrovibratsionnyy metod vosstanovleniya detaley)

PERIODICAL: S. kh. Bashkirii, 1956, Nr 12, pp 34-38

ABSTRACT: Bibliographic entry

1. Metals--Deoxidization 2. Electrovibration--Applications

Card 1/1

SOV/106-58-7-9/18

AUTHORS: Khorov, A.S. and Bushuyev, V.M.

TITLE: Questions of the Reduction of Induced Voltages (Voprosy umen'sheniya induktirovannykh napryazheniy)

PERIODICAL: Elektrosvyaz', 1958, Nr 7 pp 56 - 63 (USSR)

ABSTRACT: V.N. Kuleshov has cited the following possible methods of reducing the electromagnetic influence of one transmission line on another: separation; suitable siting; transposition of the conductors; the matching of all circuits; compensation by counter-coupling; screening. The present article is devoted to the last 2 methods. Figure 1 shows a possible simple method of screening between 2 circuits using a single wire running parallel to the circuits. Eq.(5) is an expression for the screening coefficient. Analysis of this expression shows that in practice it is quite impossible to obtain a screening action anything like ideal. Tables 1 and 2 give the values of the modulus of a quantity proportional to the coefficient of mutual inductance between the separate sections of the circuit. The only possible way of improving the performance of the screening wire is to reduce its series resistance and also to reduce the earthing resistance at its ends. A

Card 1/3

further difficulty is that in practice we must consider the mutual influence of a 3-phase circuit and a 1-phase communication circuit. It proves impossible to obtain adequate de-coupling of both the main and zero phase sequence currents. Figure 2 shows the principle of the compensating method whereby the communication circuit is taken in a loop near the power line. The magnitude of the induced e.m.f. is given by Eq.(6). Examination of this expression shows that circumstances conspire to prevent optimum choice of loop dimensions. The shorter we make the loop side l_1 the nearer it must be placed to the source of interference. The lower limit to this proximity is determined by safety considerations. In order to establish the validity of the above theory, experiments were carried out on one of the experimental sections of the MPS. The frequency used was 50 c/s and the connection arrangements as in Figures 3 and 4. Table 3 compares the measured and calculated values of screening coefficient. The maximum error does not exceed 6.5%. In conclusion, it is stated that the physical facts which

prevent high performance with these methods are: the logarithmic dependence of mutual inductance on distance and the minimum separation dictated by voltage breakdown. There are 4 figures, 3 tables and 3 references, 2 of which are Soviet and 1 English.

SUBMITTED: July 5, 1957

1. Communication systems--USSR 2. Transmission lines--Electromagnetic effects 3. Voltage--Reduction

5(1)
AUTHOR: Bushuyev, V. M. SOV/64-59-5-1/28

TITLE: All Energies for the Fulfillment of the Resolutions Adopted by the XXI Party Congress and the June Plenum of the Central Committee of the CPSU

PERIODICAL: Khimicheskaya promyshlennost', 1959, Nr 5, pp 371-378 (USSR)

ABSTRACT: The new Seven-year Plan has started well. In comparison to the first half of last year industrial production was raised by 12%, capital investments by 10%, and construction- and mounting work by 15% in the first half of this year. An area of more than 126 million hectares (therefrom 73.3 million hectares with grain and 20.6 million hectares with corn) was planted by kolkhozes and sovkhozes in the spring of this year. The initiative of the laborers and of the agricultural and Party organizations of the oblast' Vladimir, Sverdlovsk, Moscow, Zaporozh'ye, and others was approved of by the June Plenum of the Central Committee of the CPSU and measures for a speedy further development were taken. The latter are of particular importance for the chemical industry. In the course of the new Seven-year Plan the production capacity of the industries for synthetics and resins is to amount to 200,000 t, for synthetic rubber to 130,000 t,

Card 1/5

for mineral fertilizers to 3,300,000 t and automobile tires to 4,500,000 pieces. The measures taken permit this production capacity to be attained 1.5 - 2 years before the deadline, thus saving capital investments of 3 billion rubles. An important part in the resolutions adopted by the June Plenum of the Central Committee of the Soviet Communist Party is played by the mechanization and automation of production which is to be the main concern of the Planning Organizations of the Gosudarstvennyy komitet pc khimii (I)(State Committee of Chemistry) and Gosudarstvennyy komitet po avtomatizatsii i mashinostroyeniyu (II)(State Committee of Automation and Machine Construction) as well as the competent departments of the individual works. Since these problems are more thoroughly dealt with in economic districts with a highly developed chemical industry, such as in Luga, Tula, Gor'kiy, etc, a coordinated manufacturing program must be provided for by the last-mentioned organizations. At the June Plenum of the Central Committee of the Soviet Communist Party also the reports

of the Gosudarstvennyy komitet soveta Ministrov SSSR po khimii (III)(State Committee of the Council of Ministers of the USSR of Chemistry) on the fulfillment of the tasks set by the May Plenum of the Central Committee of the Soviet Communist Party were discussed. The total production plan for the first half of the year 1959 was overfulfilled by 104%, the increase of the chemical production amounting to 11% (in comparison to 1958). The production of synthetic resins and synthetics increased by 13% (in comparison to the first half of the year 1958)(that of alkyd resins by 29%, of cellulose ester by 17%, of polyvinyl chloride and its copolymers by 12%), the production of synthetic alcohol by 54%, that of fatty acids by 59% and of chemical equipment by 33%. Capital investments for the development of the chemical industry increased by 47% in the second half of the year 1958 and exceeded those of the first half of 1958 by 70% in the same period of 1959. The pace of construction increased rapidly in the economic districts of Tula, Gor'kiy, Tatarsk, Murmansk, Omsk, and others in the RSFSR. Within the framework of (III) and the Akademiya nauk SSSR (Academy of Sciences, USSR) 9 new research institutes and 11 branch institutes

were established. The expenses spent for research and experimental work of the State Committee of Chemistry alone increased to the 1.4-fold from 1958-1959. 11 new branches of the projecting institutes and one new projecting institute for plants producing synthetics and synthetic resins were founded. Several shortcomings are pointed out, such as insufficient technical documentation as, for example, in the case of the institutes Rezinoproyekt, Giprokauchuk, GIAP, Giproplast, and Giproiv where data concerning deadlines for buildings are missing as, for instance, is the case with the Dnepropetrovskiy shinnyy zavod (Dnepropetrovsk Tire Factory), the Kuybyshevskiy zavod sinteticheskogo spirta (Kuybyshev Plant for Synthetic Alcohol), the Sterlitamakskiy zavod SK (Sterlitamak Plant for Synthetic Rubber), and others. Many projects are realized without paying attention to the employment of the most modern installations and the most expedient technological processes; some examples are given for this fact. Among other things a low-temperature condensation plant for gas separation was, for instance, constructed by NIIkhimmash and a number of projecting institutes continue to plan the less profitable adsorption method.

In the completion of the plants also mistakes were made as, e.g., in the case of Vladimirskiy zavod (Vladimir Plant). Chemical plants and construction organizations in Altay, Bashkir, Ryazan, Saratov, and Krasnoyarsk sovnarkhoz of the RSFSR as well as in Azerbaydzhanskaya, Armyanskaya, and Gruzinskaya SSR are confronted with special tasks as far as capital investments are concerned. The reorganization of the phenol-acetone production was mentioned as a positive example owing to results obtained by the Nauchno-issledovatel'skiy institut sinteticheskogo spirta (Scientific Research Institute for Synthetic Alcohol), an increase in the phenol production by 60,000 t and thus savings of more than 100 million rubles were effected.

BUSHUYEV, V.M.

Immediate objectives of the workers in the chemical industry and science in fulfilling the decisions of the December Plenum of the Central Committee of the CPSU. Khim.prom. no.1:1-8 Ja-F '60. (MIRA 13:7)

(Chemical industries)

S/106/60/000/006/011/013
A169/A026

AUTHOR: Bushuyev, V.M.

TITLE: The Effect of DC Railroad Lines on Remote Power Supply Circuits of Symmetric Cable-Trunk Line Equipment

PERIODICAL: Elektrosvyaz', 1960, No. 6, pp. 58 - 65

TEXT: The author discusses problems of the potential field distribution in the ground, caused by railroad lines operating on direct current. The resulting galvanic effect interferes with the remote power supply lines of repeater stations of symmetric cable trunk lines. The magnitude of this effect depends on the potential difference of those points in the ground at which the grounding electrodes of the power supply lines are located. So far, potential fields caused by electric railroad lines have been investigated by numerous Soviet (P.A. Azbukin, M.I. Mikhaylov, K.G. Markvardt and L.N. Tavdgiridze) and foreign (E. Sunde) authors. However, the majority of these authors did not provide formulas suitable for practical calculations. The methods developed by E. Sunde (Ref. 4) are very useful for determining the potential fields along railroad lines, but the calculation procedure is difficult. The author of this pa-

Card 1/2

S/106/60/000/006/011/013
A169/A026

The Effect of DC Railroad Lines on Remote Power Supply Circuits of Symmetric Cable-Trunk Line Equipment

per attempts to eliminate these difficulties and presents exact, as well as approximate formulas for the calculation of the galvanic effect of electric railroad lines, and formulas for calculating the potential at individual points of the ground. The method of Laplace transformations is used for solving the initial differential equation taken from Sunde's paper (Ref. 4). The method of decomposing the integrand by Legrendre polynomials made it possible to obtain formulas in a very simple manner for the calculation of the potential distribution in the ground. The final formulas contain mainly tabulated functions, therefore their practical application is considerably simplified and facilitated. Only for the Whittaker functions the available tables are inadequate, but these functions can be replaced by the integral function $F_1(-\gamma r)$, which has been tabulated in more detail. The author discusses some special cases of the mutual arrangement of electric railroads and cable trunk lines. He gives recommendations for the determination of the magnitude of the maximum effect. There are 2 figures and 7 references: 6 Soviet and 1 American.
SUBMITTED: January 28, 1960

Card 2/2

Bushuyev, V.M.

111-58-5-17/27

AUTHOR: Bushuyev, V.M., Engineer, Junior Scientific Worker of the TsNIIS .

TITLE: A Comparative Analysis of Methods of Measuring the Density of Stray Currents on the Sheaths of Underground Cables(Sravnitel'nyy analiz sposobov izmereniya plotnosti toka, stekayushchego s obolochek podzemnykh kabeley).

PERIODICAL: Vestnik Svyazi, Nr 5, 1958, pp 30-31(USSR).

ABSTRACT: This article compares three methods of measuring the current density, the sheath surface unit being 1 sq dm. The experiments were carried out with cable "TG-4x4x1.2" type 500 m long and laid in the earth at a depth of 0.6 - 0.75 m. The first of these methods utilizes an auxiliary electrode, the second one a current-collecting coil and the third one a 3-electrode system.These methods,as well as their application,are described in detail.The disadvantages of these methods are also indicated and the author comes to the conclusion that the 3-electrode method is preferable to the others, being easier and more reliable. There are 4 figures and 2 tables.

AVAILABLE: Library of Congress

Card 1/1 1. Electric currents-Density-Measurement 2. Cables

BUSHUYEV, Viktor Mikhaylovich; UVAROV, Georgiy Vasil'yevich; OSADA, P.A., red.; GERASIMOVA, Ye.S., tekhn. red.

[Soviet chemical industry during the current seven-year plan] Sovetskaia khimicheskaia promyshlennost' v tekushchem semiletii. Moskva, Izd-vo ekon. lit-ry, 1962. 197 p. (MIRA 15:4)
(Chemical industries)

BUSHUYEV, V.P.; GUBIN, G.V.; GONCHARENKO, Yu.I.; KARMAZIN, V.I.; MARGULIS, V.S.; MITROV, V.A.; NIKOLAYENKO, N.O.; BOBRUSHKIN, L.G.; BUROV, A.I.; RYBAKOV, V.N.; SOSHIN, A.F.; TATSIYENKO, P.A.; TOVSTANOVSKIY, O.D.; YUROV, P.P.; Prinimali uchastiye: NIFAGINA, A.A.; CHERNYY, I.I.; GERSHOYG, Yu.G.; KOSTIKOV, A.G.; DOLGIKH, M.A.; MOVSKOVICH, S.A.; STUPIN, D.D.; NEVOYSA, G.G.

Magnetization roasting of Kerch ores in the experimental factory of Kamysh-Burun Combine. Gor. zhur. no.12:30-37 D '62. (MIRA 15:11)

1. Institut Mekhanobrchermet, Krivoy Rog (for Bushuyev, Gubin, Goncharenko, Karmazin, Margulis, Mitrov, Nikolayenko, Nifagina, Chernyy, Gershoyg, Kostikov). 2. Kamyshburunskiy zhelezorudnyy kombinat, Kerch' (for Bobrushkin, Burov, Rybakov, Soshin, Tatsiyenko, Tovstanovskiy, Yurov, Dolgikh, M.A.; Movskovich, S.A.; Stupin, D.D.; Nevoysa).
(Kerch Peninsula--Ore dressing)
(Iron ores)

BUSHUYEV, V.V.

Stability of a synchronous generator feeding a capacitive load. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no.16:90-94 '63.

Effect of saturation in a steady-state mode of operation on conditions governing the origination of self-excitation in synchronous machines. Trudy Transp.-energ. inst. Sib. otd. AN SSSR no. 16:95-98 '63. (MIRA 16:11)

L 27837-66 EWT(1)/ETC(f)/EWG(m)/EWA(h) TT/AT

ACC NR: AR5018396 UR/0196/65/000/006/I019/I019
621.313.322:621.3.016.35.001.1

10
B

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 6I110

AUTHOR: Bushuyev, V.V.

25

TITLE: Instability of a synchronous generator operating in a capacitive load

CITED SOURCE: Tr. Sibirsk. n.-i. in-ta energ., vyp. 1(20), 1964, 56-60

TOPIC TAGS: generator, electric generator, [redacted]

TRANSLATION: With the help of an analogue machine of the MPT-9 type, an analysis was made of the instability of a synchronous generator operating under a no-load condition through the infinite bar capacity. Individual states of the computation were duplicated on a digital computing machine and it was established that the occurrence of instability was not due to a super-imposition of self-excitation and self-drive, but to a single instable oscillatory process. This instability increases faster than pure self-excitation. A damping coil eliminates instability at low values of the capacity resistance in the fixed coil circuit. 5 figures and 2 references. G. Salgus

SUB CODE: 09

Card 1/1 TS

BUSHUYEV, V.Ye. (Chelyabinsk)

Graphic method of solving linear programming problems in schools. Mat. v shkole no.3:21-29 My-Je '62. (MIRA 15:7)
(Linear programming—Study and teaching)

BUSHUYEV, Ya. I.

Box for hiving swarms. Pchelovodstvo, 29, No 7, 1952.

68178
SOV/58-59-5-10565

18.9100
18.1280

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 104 (USSR)

AUTHORS: Bushuyev, Ye.S., Mel'nik, I.G.

TITLE: Structure and Properties of Ag-Cu Alloys Obtained by Joint and Alternate Condensation in a Vacuum

PERIODICAL: Nauk. zap. Chernivets'k.un-t., 1955, Vol 12, pp 97 - 104 (Ukr.; Russ. resume)

ABSTRACT: The application of X-rays to the study of the structure of very thin metallic films is extremely difficult in view of the small extent of the scattering material, although in the case of unstable structure it is more expedient to use this method than the electron diffraction method. In this connection it became necessary to work out a method of preparing thin samples in which the metal would present the maximum degree of dispersity and at the same time possess sufficient volume. The authors used the method of alternately overlapping the molecular beams from the evaporating metals by means of a rotating disk with apertures. Cu and Ag samples, obtained by simultaneous and alternate condensation of the metals onto mica, proved to be extremely unstable:

Card 1/2

Structure and Properties of Ag-Cu Alloys Obtained by Joint and Alternate Condensation in a Vacuum

they cracked upon their very first contact with the air. X-ray studies showed that the most non-uniform structure is observed in Cu in the case of its condensation onto cooling mica. On the X-ray photograph of a Cu and Ag mixture, the copper was only represented by two lines: a very intense, somewhat blurred 111 line, and a strongly blurred 200 line with a scarcely noticeable maximum. The remaining lines of Cu, as well as the last lines of Ag, are so blurred that they form a continuous background. The blurring of the diffraction maxima is due to the high degree of dispersity of the crystalline structure and to internal stresses. The stronger line blurring of Cu is explained by the fact that the atoms of this metal, which has a higher melting point, evince a lesser ability to migrate.

The authors' résumé

Card 2/2

5.4110

68179
SOV/58-59-5-10661

Translation from: Referativnyy Zhurnal Fizika, 1959, Nr 5, p 114 (USSR)

AUTHOR: Bushuyev, Ye.S.

TITLE: The Effect of Water and Its Vapors on Mg_3Sb_2 Preparations

PERIODICAL: Nauk. zap. Chernivets'k. un-t, 1955, Vol 12, pp 105 - 111

ABSTRACT: Preparations of Mg_3Sb_2 (I), obtained by sublimating in a vacuum alloys of Mg and Sb of the appropriate composition, exhibit a change in their electrical and optical properties with the passage of time. Microscopic studies have established that the reduction in the electrical resistance of the condensate that is observed in the majority of cases, sets in after a continuous network of sinuous lines has formed on the films. The formation of the line network is due to the action of water or its vapors on I. While I is being slightly moistened with water, the line network that forms on it is hygroscopic. This fact gives grounds for concluding that preparations of I, obtained from alloys by evaporation

Card 1/2

from a boat, are non-uniform in their composition. This is explained as follows: an evaporator in the form of a boat does not assure that the batch being sublimated will be uniformly heated throughout its volume.

The author's résumé

4

Card 2/2

SOV/81-59-10-34178

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 10, p 50 (USSR)

AUTHORS: Mocharnyuk, G.F., Bushuyev, Ye.S.

TITLE: The Sequence of the Formation of Phases in the Systems: Ag - Zn, Cu - Zn, Ni - Zn

PERIODICAL: Nauk. zap. Chernivetsk. un-t, 1955, Vol 12, pp 159-166 (Ukrainian; Russian summary)

ABSTRACT: In the study of mutual diffusion by the X-ray method in a mixture of powders of Cu with Zn and Ag with Zn (1 : 1) the γ-phase is detected first. In the mixture of Ni with Zn simultaneously with the γ-phase the ε-phase and later on the δ-phase are observed.

From the authors' summary

Card 1/1

BUSHUYEV, Ye.S., inzh.; [illegible], F.S., inzh.; [illegible], L. Ye.

Principal causes of the appearance of laps on zinc coatings deposited by the dipping method. Sbor. nauch. trud. [illegible] no.10: 353-361 '61 (MIRA 17:8)

BUSHUYEV, Ye.S., dotsent, kand.fiziko-matematicheskikh nauk

Source for economizing zinc during the process of hot zinc coating. Sbor. nauch. trud. KGRI no.10:362-366 '61
(MIRA 17:8)

BUSHUYEV, Yu.I.; KONOVALOV, V.F.

Sarcoma of the bones of the base of the skull and upper jaw with a cavernous sinus syndrome in a five-year-old child. Vop.diag.i patomorf.nerv.zab. no.2:80-86 '59. (MIRA 15:8)
(CAVERNOUS SINUS--DISEASES) (SKULL--CANCER) (JAWS--CANCER)

BUSHUYEV, Yu.I. (Gor'kiy, 3, ul. Engel'sa, d.3.); KRYMOV, K.D.

Pathomorphological characteristics of posttraumatic changes in the menisci of the human knee joint. Ortop., travm. i protez. no.8:26-30 '62. (MIRA 17:10)

1. Iz kafedry patologicheskoy anatomii (zav.- prof. M.L. Biryukov) Gor'kovskogo meditsinskogo instituta i Gor'kovskogo instituta travmatologii i ortopedii (dir.- dotsent M.G. Grigor'yev).

L 01770-67 EWT(d)/EEC(k)-2/EWP(1) IJP(c) BB/GG

ACC NR: AR6031713 SOURCE CODE: UR/0372/66/000/006/V056/V056

AUTHOR: Smirnov, A. D.; Samkov, I. I.; Bushuyev, Yu. M.

59
13

TITLE: The use of the "Dnepr" computer in data processing 16C

SOURCE: Ref. zh. Kibernetika, Abs. 6V370

REF SOURCE: Sb. Upravlyayushchiye mashiny i sistemy. Vyp. 2. Kiyev, 1965, 14-23

TOPIC TAGS: data processing, electronic data processing, data processing equipment/Dnepr computer

ABSTRACT: A report is given on a case of successful use of data processing. Data to be processed is fed from several measuring instruments and printed out on the punched paper tape. The maximum input rate is 6 readings per second, the maximum quantity of information printed from one reading is 500 bits, a set of readings contains a maximum of 400 words and the time for processing the data is 10 minutes. The transfer from the printing tape to the "Dnepr" computer, as well as the feedback from the machine, is achieved by telephone communication channels at distances of 200—1000 m. The output from the computer is also transferred to

Card 1/2 UDC: 518.5:681.142